

## Well Log Internet Site

A well report, or *well log*, describes the location, ownership, construction details and physical characteristics of a completed well. When contractors drill a well, they are legally required to file a well log with the Department of Ecology (Ecology) within 30 days of completing the work. Ecology's Well Log web site provides a way for anyone to search and find images of these Washington state well reports.

### Well logs and the Internet Site

Ecology's regional offices are responsible for the collection, acceptance, and filing of well logs. Well reports include information about all wells drilled and recorded in Washington, including:

- Location of the well
- Ownership (original owner)
- Diameter and depth of well
- Construction details
- Water levels
- Tests performed at time of drilling.

The Well Log Internet Site contains detailed information on over 636,980 wells. This includes both water and resource protection wells, both existing and decommissioned. These well logs are available to the public for viewing, downloading and printing.

Information in the Well Log database comes from the original written logs submitted by well drillers. The accuracy of the information depends on the knowledge and care taken by each well driller when completing the well report, as well as the accuracy of data entry. Well locations are reliable to the nearest section, township and range, using public land survey maps.

### Developing the Internet Site

Washington has maintained written well log information since the 1930s, and Ecology has managed the records since 1971. It took Ecology staff several years to develop this online system. The process began with scanning and indexing over 60 years of historical documents, to create an internal well log database.

### MORE INFORMATION

Ecology's Well Log Internet site is located at:

<https://fortress.wa.gov/ecy/waterresources/map/WCLSWebMap/default.aspx>

You can also go to:

<https://www.google.com>

<https://www.yahoo.com>

or

<http://access.wa.gov/>

and search using the words "well logs WA."

You can search for well logs using any major Internet browser, using desktop, mobile and tablet devices.

### Ecology regional offices

<http://www.ecy.wa.gov/directory.html>

### Contact information

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### Accommodation Requests

To request ADA accommodation including materials in a format for the visually impaired, call Ecology at (360) 407-6872. Persons with impaired hearing may call Washington Relay Service at 711. Persons with speech disability may call TTY at 877-833-6341.

This database allowed Ecology staff to record and share well information more quickly and accurately. The next step was to create a scan and capture system for incoming well reports. The Internet well log application was then designed; field staff tested it for several months to ensure it was as user-friendly as possible.

## Using the Well Log Internet Site

The Well Log Internet site provides a variety of search tools. From the home page, users can select the Text Search (using information you type in or select from a list) or the Map Search (from which you navigate a Washington State map). With these tools, users can search for and view any well log report currently in the agency's files.

Specific search criteria include:

- Township-range-section
- Owner's name
- Well address
- County
- WRIA (Water Resource Inventory Area)
- Well depth and diameter
- Date well was completed
- Tax parcel number.



The system is capable of delivering up to 150,000 well reports within 3 to 4 seconds. You can view well log images or download data and images -- all with just a few key strokes.

The site is updated every night and new well reports are entered into Ecology's database generally within one to three weeks of being submitted. This Internet site has proven to be a valuable resource for many well drillers, developers, landowners and other users.